

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S96	145	((("2" two multi) adj dimension\$2 2-dimensional two-dimensional multi-dimensional 2-d 2d (two-d multi-d) near2 beamform\$3	US-PGPUB; USPAT	OR	ON	2008/04/27 23:27
S97	3	((("2" two multi) adj dimension\$2 2-dimensional two-dimensional multi-dimensional 2-d 2d (two-d multi-d) near2 beamform\$3 same alayouti	US-PGPUB; USPAT	OR	ON	2008/04/27 23:28
S98	3	((("2" two multi) adj dimension\$2 2-dimensional two-dimensional multi-dimensional 2-d 2d (two-d multi-d) near2 beamform\$3 and alayouti	US-PGPUB; USPAT	OR	ON	2008/04/27 23:29
S99	60	((("2" two multi) adj dimension\$2 2-dimensional two-dimensional multi-dimensional 2-d 2d (two-d multi-d) near2 beamform\$3 and (power amplitude) with (allocat\$3 adjust \$4 coefficient weight \$3)	US-PGPUB; USPAT	OR	ON	2008/04/27 23:32
S100	9	S96 and "375".clas.	US-PGPUB; USPAT	OR	ON	2008/04/28 00:24
S101	0	S96 and ("375" "342" "455").ccls.	US-PGPUB; USPAT	OR	ON	2008/04/28 00:25
S102	26	S96 and ("375" "342" "455").clas.	US-PGPUB; USPAT	OR	ON	2008/04/28 00:25
S103	17	S102 not S100	US-PGPUB; USPAT	OR	ON	2008/04/28 00:28

S104	69	S96 and transmit with beamform\$3	US-PGPUB; USPAT	OR	ON	2008/04/28 00:31
S105	44	S96 and transmit adj2 beamform\$3	US-PGPUB; USPAT	OR	ON	2008/04/28 00:32
S106	0	input with symbol adj stream with (demultiplex\$3 de-multiplex\$3 demux\$3 de-mux\$3) with (different\$2 unique \$2) adj (stream block (data symbol) adj (stream block))	US-PGPUB; USPAT	OR	ON	2008/04/28 00:53
S107	0	input with symbol adj stream with (demultiplex\$3 de-multiplex\$3 demux\$3 de-mux\$3) same (different\$2 unique \$2) adj (stream block (data symbol) adj (stream block))	US-PGPUB; USPAT	OR	ON	2008/04/28 00:54
S108	0	input with symbol adj stream same (demultiplex\$3 de-multiplex\$3 demux\$3 de-mux\$3) same (different\$2 unique \$2) adj (stream block (data symbol) adj (stream block))	US-PGPUB; USPAT	OR	ON	2008/04/28 00:54
S109	4	input with symbol adj stream same (demultiplex\$3 de-multiplex\$3 demux\$3 de-mux\$3) same (different\$2 unique \$2) with (stream block (data symbol) adj (stream block))	US-PGPUB; USPAT	OR	ON	2008/04/28 00:54
S110	512	mimo with (beamform\$3 beam-form\$3 beam adj form\$3)	US-PGPUB; USPAT	OR	ON	2008/04/28 00:55
S111	39	S110 and (beamform \$3 beam-form\$3 beam adj form\$3) with dimension\$2	US-PGPUB; USPAT	OR	ON	2008/04/28 00:56

S112	1	S111 and (demux\$3 de-mux\$3 demultiplex\$3de-multiplex\$3)	US-PGPUB; USPAT	OR	ON	2008/04/28 00:57
S113	138	orthogonal adj transmit adj diversity and OTD	US-PGPUB; USPAT	OR	ON	2008/04/28 01:10
S114	15	S113 and (demux\$3 de-mux\$3 demultiplex\$3de-multiplex\$3)	US-PGPUB; USPAT	OR	ON	2008/04/28 01:11
S115	33	symbol adj (stream block) same (demux \$3 de-mux\$3 demultiplex\$3de-multiplex\$3) same (block sub-block sub adj block subset sub-set)	US-PGPUB; USPAT	OR	ON	2008/04/28 01:16
S116	17	S115 and transmit adj diversity	US-PGPUB; USPAT	OR	ON	2008/04/28 01:17
S117	5	beamform\$3 with alamouti near2 cod \$3	US-PGPUB; USPAT	OR	ON	2008/04/28 04:56
S118	12	beamform\$3 same alamouti near2 cod \$3	US-PGPUB; USPAT	OR	ON	2008/04/28 05:18
S119	14	alamouti near2 cod \$3 same (multiple plurality) adj2 (signal user stream input)	US-PGPUB; USPAT	OR	ON	2008/04/28 05:20
S120	3	alamouti same ("2" two) and alamouti with advantageous	US-PGPUB; USPAT	OR	ON	2008/04/28 06:03
S121	76	alamouti same ("2" two) and alamouti with rate	US-PGPUB; USPAT	OR	ON	2008/04/28 06:04
S122	28	alamouti same ("2" two) and alamouti with rate adj ("1" one)	US-PGPUB; USPAT	OR	ON	2008/04/28 06:04
S123	6	alamouti and beam and power adj load \$3	US-PGPUB; USPAT	OR	ON	2008/04/28 07:15
S124	30	((GIANNAKIS) near2 (GEORGIOS)).INV.	US-PGPUB; USPAT	OR	ON	2008/04/28 08:41

S125	14	((SHENGLI) near2 (ZHOU)).INV.	US-PGPUB; USPAT	OR	ON	2008/04/28 08:41
S126	31	S124 S125	US-PGPUB; USPAT	OR	ON	2008/04/28 08:41
S127	1	S126 and (beamform \$3 and (channel adj state adj information CSI) and stream and symbol and power). clm.	US-PGPUB; USPAT	OR	ON	2008/04/28 08:42
S128	1	S126 and (beamform \$3 and (channel adj state adj information CSI) and stream and symbol). clm.	US-PGPUB; USPAT	OR	ON	2008/04/28 08:42
S129	1	S126 and (beamform \$3 and (channel adj state adj information CSI) and stream). clm.	US-PGPUB; USPAT	OR	ON	2008/04/28 08:43
S130	1	S126 and (beamform \$3 and (channel adj state adj information CSI) and symbol). clm.	US-PGPUB; USPAT	OR	ON	2008/04/28 08:43
S131	1	S126 and (beamform \$3 and (channel adj state adj information CSI)). clm.	US-PGPUB; USPAT	OR	ON	2008/04/28 08:43
S132	2	S126 and (beamform \$3). clm.	US-PGPUB; USPAT	OR	ON	2008/04/28 08:43
S133	1119	(university near2 minnesota).as.	US-PGPUB; USPAT	OR	ON	2008/04/28 08:44
S134	0	S133 and (beamform \$3 and (channel adj state adj information CSI) and stream and symbol and power). clm.	US-PGPUB; USPAT	OR	ON	2008/04/28 08:45
S135	0	S133 and (beamform \$3 and (channel adj state adj information CSI) and stream and symbol). clm.	US-PGPUB; USPAT	OR	ON	2008/04/28 08:45

S136	0	S133 and (beamform\$3 and (channel adj state adj information CSI) and stream).clm.	US-PGPUB; USPAT	OR	ON	2008/04/28 08:45
S137	0	S133 and (beamform\$3 and (channel adj state adj information CSI) and symbol).clm.	US-PGPUB; USPAT	OR	ON	2008/04/28 08:45
S138	0	S133 and (beamform\$3 and (channel adj state adj information CSI)).clm.	US-PGPUB; USPAT	OR	ON	2008/04/28 08:46
S139	0	S133 and ((beamform\$3 beam adj form\$3beamform\$3) and (channel adj state adj information CSI)).clm.	US-PGPUB; USPAT	OR	ON	2008/04/28 08:46

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